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FEBRUARY 12TH, 1849.

REV. HUMPHREY LLOYD, D. D., PRESIDENT,
in the Chair.

MAURICE Colles, Esq.; Rev. John Magrath, LL. D.; Jeremiah J. Murphy, Esq.; and William Ogilby, Esq.; were elected Members of the Academy.

Mr. M. Donovan continued the reading of his paper on electricity.

Sir William Betham read a paper on the feudal land tenures and dignities, and their introduction into Ireland at the English conquest.

The Rev. Charles Graves, on the part of the Rev. Brice Bronwin, presented a paper on the theory of planetary disturbance.

Mr. J. Neville read a paper on the maximum amount of resistance acting in any direction required to sustain banks of earth or other materials, with sloping tops and faces, and the effects of friction between the face of the bank and the back of a retaining structure.

If CDE be any bank with a sloping face CD, and a sloping top, DE; CE the position of the

